at least one element fabricated of heat conductive material, said element being separate from said poles and said winding, said element being disposed between at least one of said poles and its encircling winding, said element extending along said length between a first and a second location then and then turning at said second location to form an extension that extends a predetermined distance along said width.

13. (twice amended) Electrical equipment comprising

a housing;

a stationary winding disposed within said housing and forming an aperture;

a rotor disposed within said aperture, said rotor including at least one pair of poles , each pole having a length and a width and a winding encircling said length and said width; and

at least one element fabricated of heat conductive material, said element being separate from said poles and said winding, said element being disposed between at least one of said poles and its encircling winding, said element extending along said length between a first and a second location and then turning at said second location to form an extension that extends a predetermined distance along said width.

17. (twice amended) A method of cooling a rotor for electrical equipment, said rotor having at least one pair of poles and each pole having a length and a width and a winding encircling said length and said width, said method comprising the steps of

providing at least one element fabricated of heat conductive material; and

disposing said element between each rotor pole and its encircling winding, said element extending along said length between a first and a second location and then turning at said second location to form an extension that extends a predetermined distance along said width .

23. (amended) The method of claim 17 wherein said element encircles said at least one of the poles.

24. (amended) The rotor of claim 10 wherein said wire is solid.

25. (amended) A rotor for electrical equipment, said rotor having at least one pair of poles, each pole having at least two intersecting pole surfaces and a winding encircling these surfaces, and said rotor comprising

at least one element fabricated of heat conductive material , said element being disposed between at least one of said poles and its encircling winding, said element having a bend so that said element wraps around and extends along said two intersecting pole surfaces.

Please add the following new claims:

26. (new) A rotor for electrical equipment, said rotor having at least one pair of poles, each pole having at least two intersecting pole surfaces and a winding encircling these surfaces, and said rotor comprising

at least one element fabricated of heat conductive material, said element being disposed between at least one of said poles and its encircling winding, each element having a first nonplanar surface that is adjacent to said two intersecting pole surfaces.

27. (new) Electrical equipment comprising

a housing;

a stationary winding disposed in said housing and forming an aperture;

a rotor disposed in said aperture, said rotor including at least one pair of poles, each pole having at least two intersecting pole surfaces and a winding encircling these surfaces, and

at least one element fabricated of heat conductive material, said element being disposed between at least one of said poles and its encircling winding, each element having a first nonplanar surface that is adjacent to said two intersecting pole surfaces.

28. (new) A method of cooling a rotor for electrical equipment, said rotor having at least one pair of poles, each pole having at least two intersecting pole surfaces and a winding encircling these surfaces, said method comprising the steps of

providing at least one element fabricated of heat conductive material, each element having a nonplanar surface; and

disposing said element between each rotor pole and its encircling winding, said nonplanar surface of said element being adjacent to said two intersecting pole surfaces.

REMARKS

Before proceeding further, applicant would like to thank the Examiner for his telephone call which was aimed and expediting the prosecution of this application.

This proposed claim amendment is believed to overcome the prior art and more particularly define applicant's invention. In particular, independent claims 1, 13 and 17 have been amended to recite that the recited cooling element extends along the recited length of the rotor between a first location and a second location, and then turns at the second location to form an extension that extends a predetermined distance along the recited width of the pole. The cooling element in the